
To: John Kelly
From: Ron Noble
Date: October 11, 2013
RE: Preliminary Construction Cost Estimate
Proposed Relocation of Boat Launch & Mast-Up Boat Storage Facilities
Cc:

A preliminary construction cost estimate for the proposed relocation of the boat launch and mast-up boat storage facilities to Marina del Rey parcels 54, 55, 56, 61 & W is shown below. This was based on performing a quantity take-off from our conceptual plan dated June 12, 2013, and is based on our best estimate of existing site conditions that will be encountered during the construction of these facilities. The below numbers have been marked-up to include the contractor's overhead and profit and do include all major construction elements that we are presently aware of, however it does not include demolition of the existing site buildings or construction of new retail buildings. Some site improvements that show (est.) are to indicate this is purely our best estimate at this time for work that needs to be better identified. Also, the underground work associated with removal of a portion of the existing seawall, construction of the seawall returns at the launch ramp, and the rerouting of any utilities behind the seawall could be more involved than provided in our estimate, however it is expected that the shown 15% construction contingency would cover any unknowns. The total rounded number of \$6.5 million appears to be reasonable at this time.

Mob. & Demob.	\$200,000
Cofferdam (install and remove)	500,000
Remove portion of seawall	200,000
Grade for slab at boat ramp	45,000
Precast slab at boat ramp (240cy)	240,000
CIP slab at boat ramp (500cy)	440,000
Rip rap at edge of boat ramp including bedding stone (500 tons)	50,000
Return at seawall and edges of ramp (2)	150,000
Concrete slab for wash down area (277cy)	225,000
Concrete slab at restroom (80cy)	65,000
Concrete slab at boat mast-up area (1,000cy)	750,000
Remove and dispose of AC at parking area (242,000sf) (2,240cy)	165,000
Remove and dispose of AC portion at mast-up area (32,400sf) (315cy)	48,000
Grade and repave parking area (242,000sf) (4050 tons)	500,000
Utilities (est.)	400,000
Rest room building (1,000sf)	375,000
Floats (3x8'x180'=1,440sf +ADA 10'x100'=1,000sf)	400,000

Concrete float guide piles (18)	100,000
ADA float gangway	80,000
Pavement striping	25,000
Curbs & islands (est.)	60,000
Concrete sidewalk adjacent to seawall (some modification work req'd.) (est.)	80,000
Landscape & site lighting (est.)	400,000
Security fencing	<u>100,000</u>
Sub-Total	\$5,598,000
Construction contingency (say 15%)	<u>839,700</u>
Total	\$6,437,700
Total (rounded)	\$6,500,000